



SECTOR 8
#3

Please type a plus sign (+) inside this box →

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

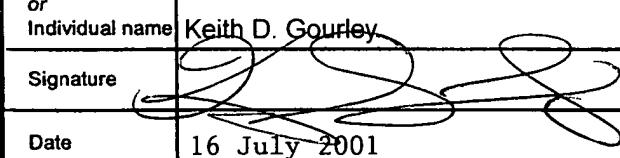
(to be used for all correspondence after initial filing)

		Application Number	09/843,519
		Filing Date	April 27, 2001
		First Named Inventor	Cutler, et al.
		Group Art Unit	1745
		Examiner Name	
Total Number of Pages in This Submission	9	Attorney Docket Number	05714 USA

ENCLOSURES (check all that apply)

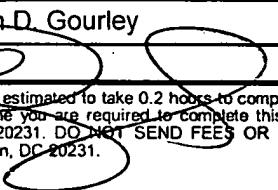
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Declaration
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Keith D. Gourley
Signature	
Date	16 July 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	Keith D. Gourley
Signature	
Date	16 July 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 130.00

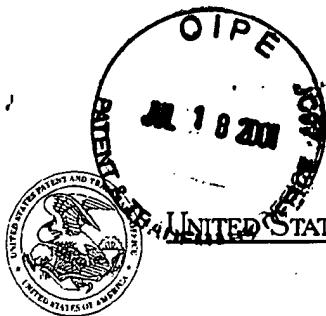
Compliant if Known

Application Number	09/843,519
Filing Date	April 27, 2001
First Named Inventor	Cutler, et al.
Examiner Name	
Group Art Unit	1745
Attorney Docket No.	05714 USA

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																					
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 01-0493</p> <p>Deposit Account Name Air Products and Chemicals, Inc</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td>130</td></tr> <tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216 195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217 445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218 695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228 945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219 155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220 155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221 135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241 620 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242 620 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243 220 Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244 300 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126 240 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246 355 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249 355 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279 355 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169 900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 0</td> <td colspan="2">SUBTOTAL (3) (\$ 130</td> </tr> <tr> <td colspan="4">*or number previously paid, if greater; For Reissues, see above</td> </tr> <tr> <td colspan="4">Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath	130	127	50	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for ex parte reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	390	216 195 Extension for reply within second month		117	890	217 445 Extension for reply within third month		118	1,390	218 695 Extension for reply within fourth month		128	1,890	228 945 Extension for reply within fifth month		119	310	219 155 Notice of Appeal		120	310	220 155 Filing a brief in support of an appeal		121	270	221 135 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,240	241 620 Petition to revive - unintentional		142	1,240	242 620 Utility issue fee (or reissue)		143	440	243 220 Design issue fee		144	600	244 300 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		126	240	126 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279 355 Request for Continued Examination (RCE)		169	900	169 900 Request for expedited examination of a design application		Other fee (specify) _____				SUBTOTAL (1) (\$ 0		SUBTOTAL (3) (\$ 130		*or number previously paid, if greater; For Reissues, see above				Reduced by Basic Filing Fee Paid			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																				
105	130	205 65 Surcharge - late filing fee or oath	130																																																																																																																																				
127	50	227 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																					
139	130	139 130 Non-English specification																																																																																																																																					
147	2,520	147 2,520 For filing a request for ex parte reexamination																																																																																																																																					
112	920*	112 920* Requesting publication of SIR prior to Examiner action																																																																																																																																					
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action																																																																																																																																					
115	110	215 55 Extension for reply within first month																																																																																																																																					
116	390	216 195 Extension for reply within second month																																																																																																																																					
117	890	217 445 Extension for reply within third month																																																																																																																																					
118	1,390	218 695 Extension for reply within fourth month																																																																																																																																					
128	1,890	228 945 Extension for reply within fifth month																																																																																																																																					
119	310	219 155 Notice of Appeal																																																																																																																																					
120	310	220 155 Filing a brief in support of an appeal																																																																																																																																					
121	270	221 135 Request for oral hearing																																																																																																																																					
138	1,510	138 1,510 Petition to institute a public use proceeding																																																																																																																																					
140	110	240 55 Petition to revive - unavoidable																																																																																																																																					
141	1,240	241 620 Petition to revive - unintentional																																																																																																																																					
142	1,240	242 620 Utility issue fee (or reissue)																																																																																																																																					
143	440	243 220 Design issue fee																																																																																																																																					
144	600	244 300 Plant issue fee																																																																																																																																					
122	130	122 130 Petitions to the Commissioner																																																																																																																																					
123	50	123 50 Petitions related to provisional applications																																																																																																																																					
126	240	126 240 Submission of Information Disclosure Stmt																																																																																																																																					
581	40	581 40 Recording each patent assignment per property (times number of properties)																																																																																																																																					
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																					
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																					
179	710	279 355 Request for Continued Examination (RCE)																																																																																																																																					
169	900	169 900 Request for expedited examination of a design application																																																																																																																																					
Other fee (specify) _____																																																																																																																																							
SUBTOTAL (1) (\$ 0		SUBTOTAL (3) (\$ 130																																																																																																																																					
*or number previously paid, if greater; For Reissues, see above																																																																																																																																							
Reduced by Basic Filing Fee Paid																																																																																																																																							
SUBMITTED BY		Complete (if applicable)																																																																																																																																					
Name (Print/Type)	Keith D. Gourley	Registration No. (Attorney/Agent)	32,988 Telephone (610) 481-6566																																																																																																																																				
Signature	Date 16 July 2001																																																																																																																																						

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/843,519	04/27/2001	Raymond Ashton Cutler	05714 USA

CONFIRMATION NO. 8358

23543
AIR PRODUCTS AND CHEMICALS, INC.
PATENT DEPARTMENT
7201 HAMILTON BOULEVARD
ALLENTOWN, PA 181951501

FORMALITIES LETTER



OC00000006219244

Date Mailed: 06/25/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

MAB
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/20/2001 MABDI1 00000115 010493 09843519

01 FC:105 130.00 CH